

## Slide images from the **Walter Munk Papers. SMC 17. Special Collections & Archives, UC San Diego.**

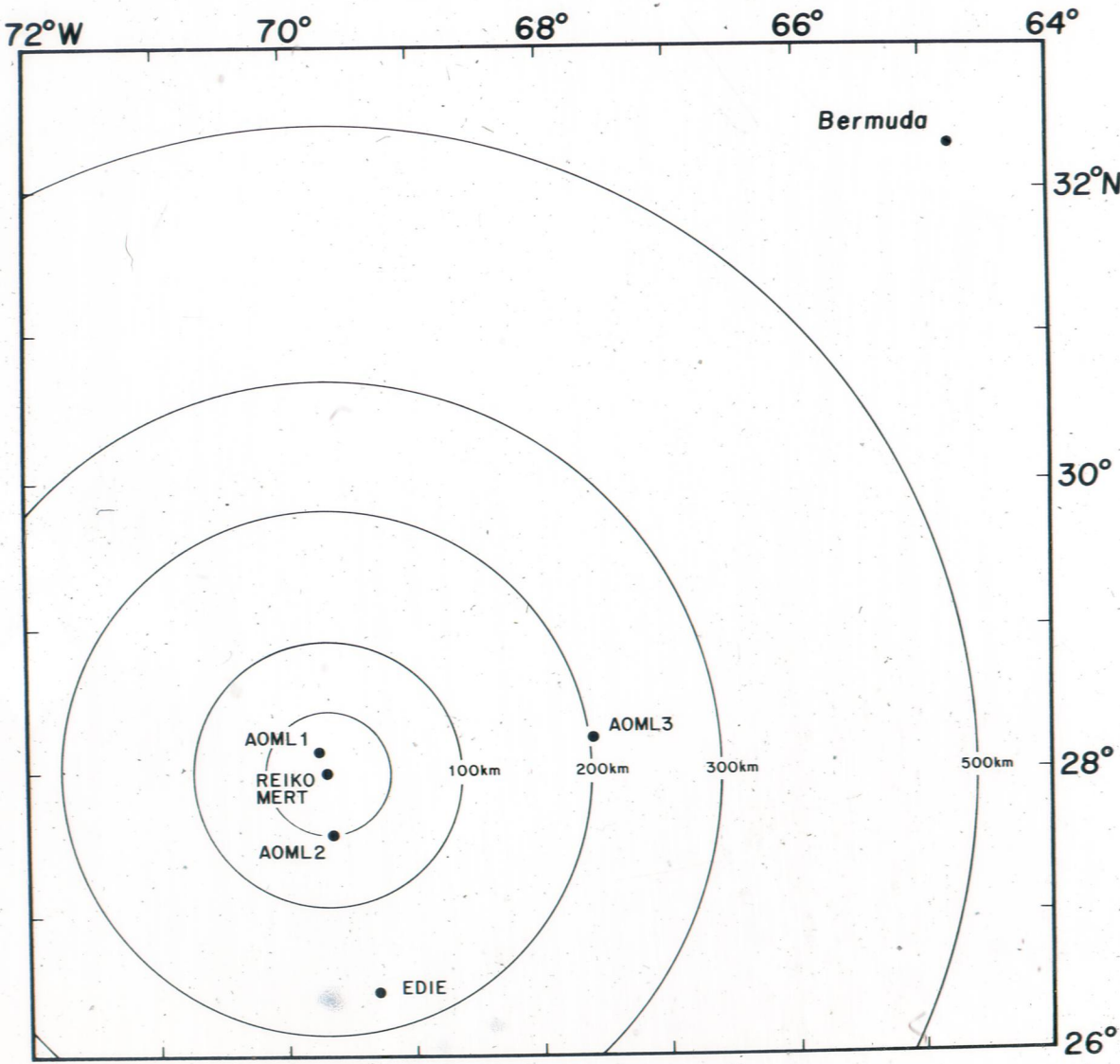
Slide groupings were determined by the original order of Walter Munk's slide collection, and a corresponding inventory. Titles and descriptions were transcribed from Munk's labels and the inventory, with some editing for consistency and clarity.

### **Mode bottom experiment**

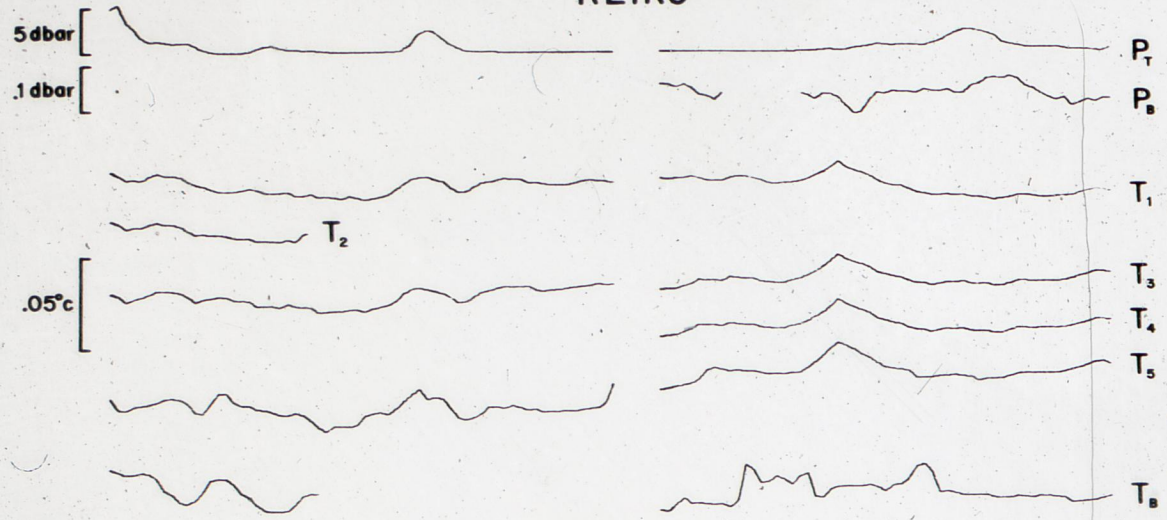
1. Chart
2. Reiko, Mert, and Edie - Data
3. Mode - Data
4. Filter response - Graph
5. Atmospheric, sea level, and bottom - Pressure graphs
6. Chart
7. Chart
8. Coherence and phase - Graph
9. Coherence and phase - Graph
10. Coherence and phase - Graph
11. Mode area (Bermuda) - Diagram
12. Graph
13. Chart
14. Pacific mode - Graph
15. Graph
16. Reiko and Edie - Data
17. Mathematical formulas
18. Reiko, Mert, and Edie - Data

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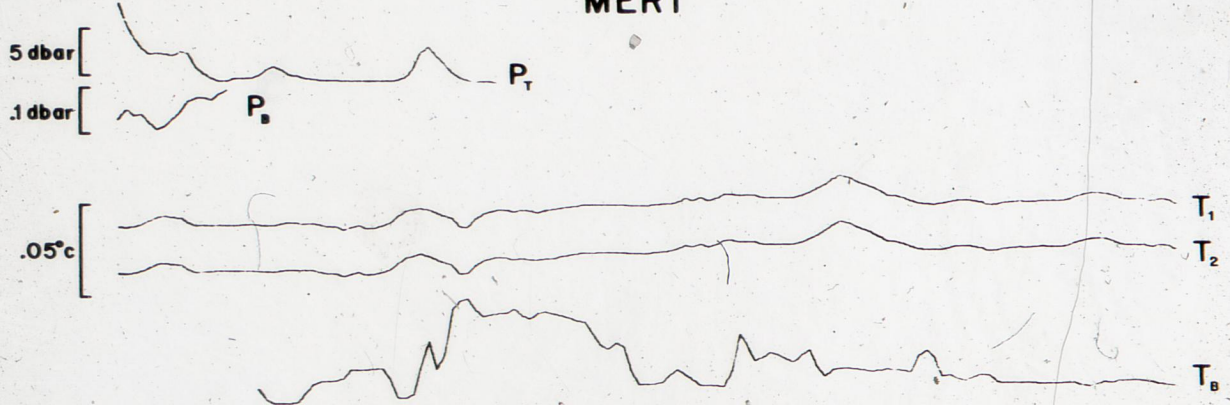
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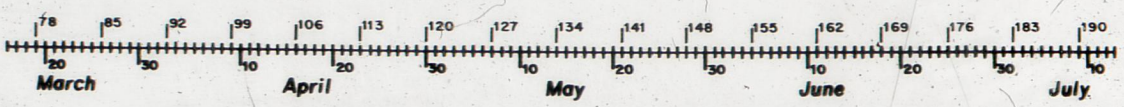
# REIKO



# MERT



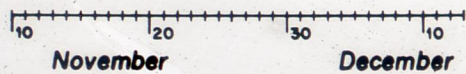
# EDIE





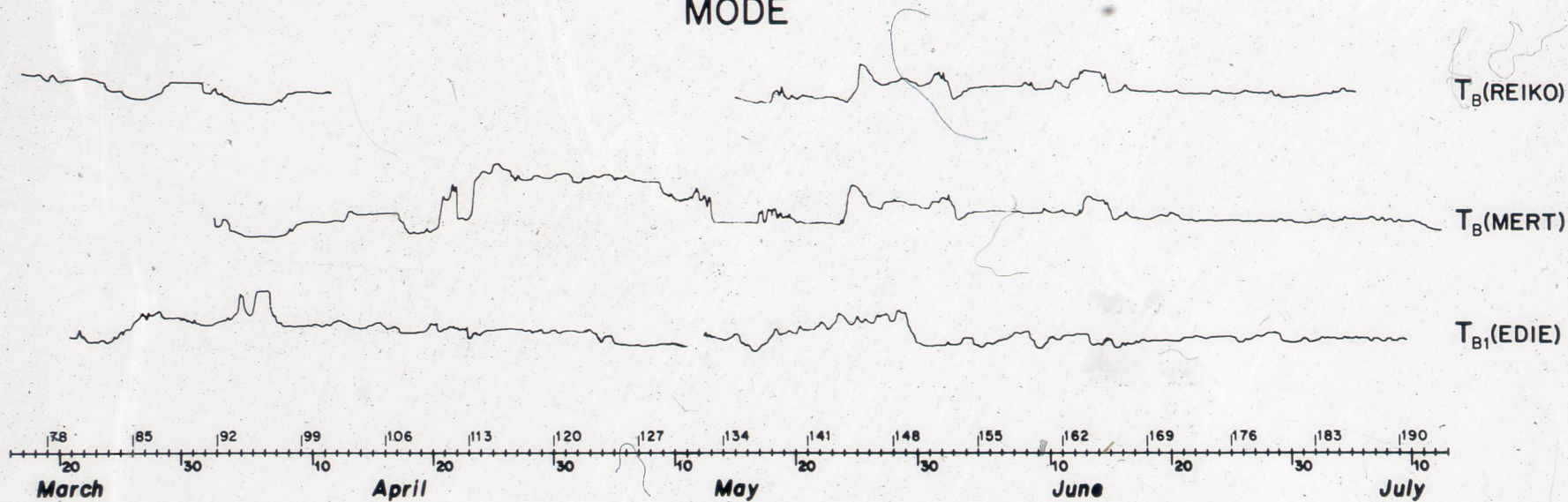
# Pacific

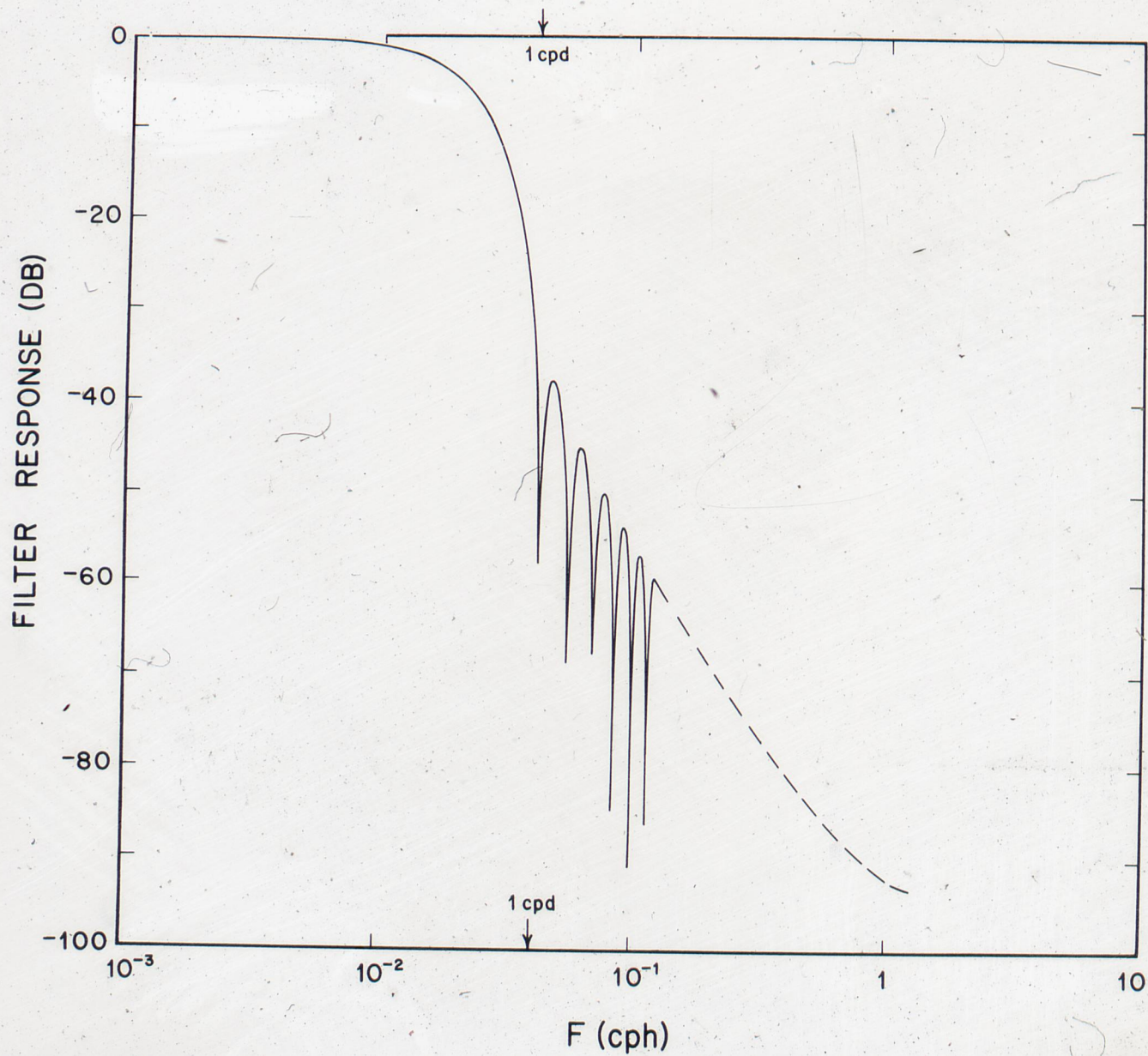
.05°C [  $T_B$ (REIKO)



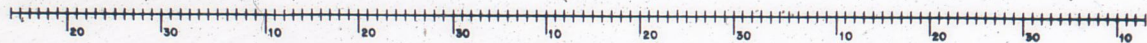
# MODE

.05°C [







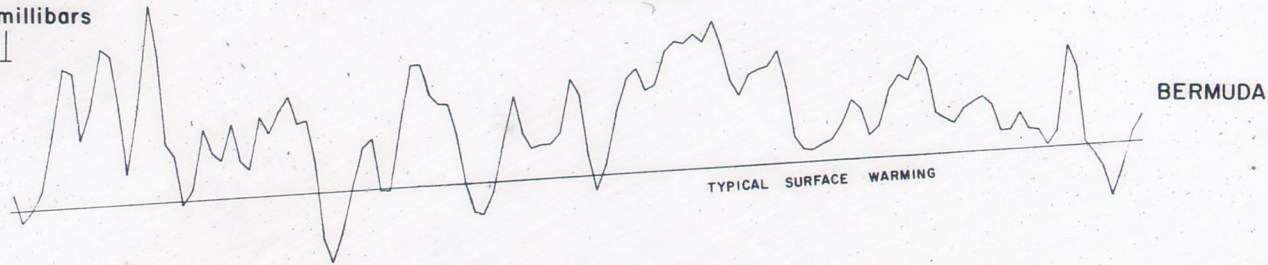


### ATMOSPHERIC PRESSURE

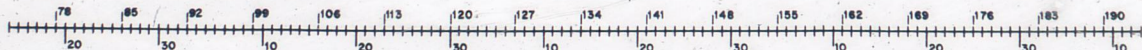
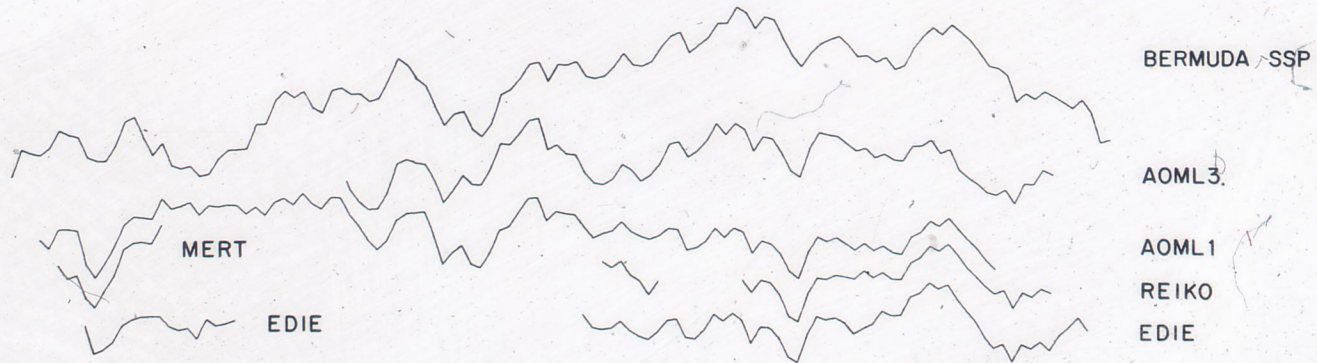


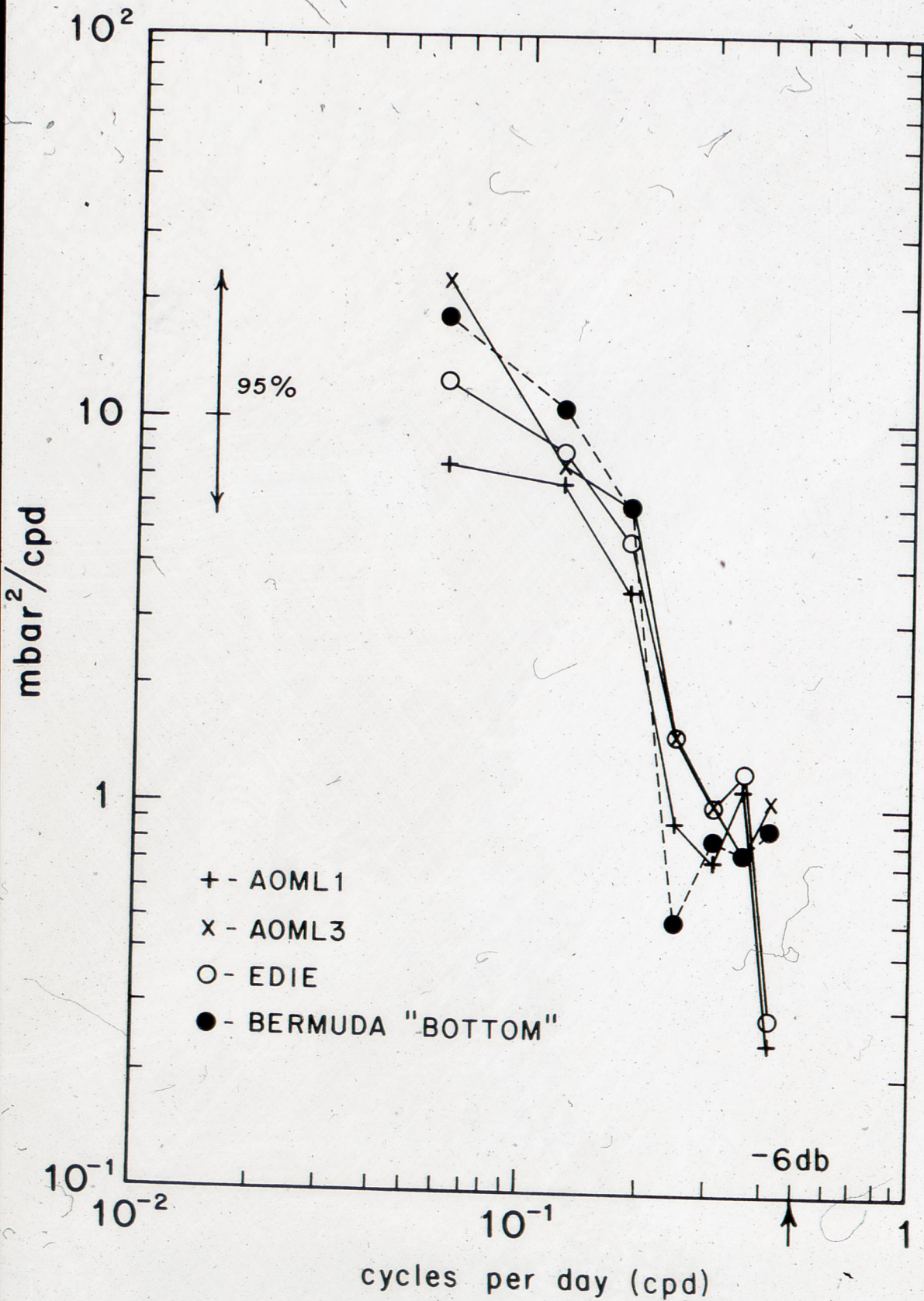
10 millibars

### SEA LEVEL

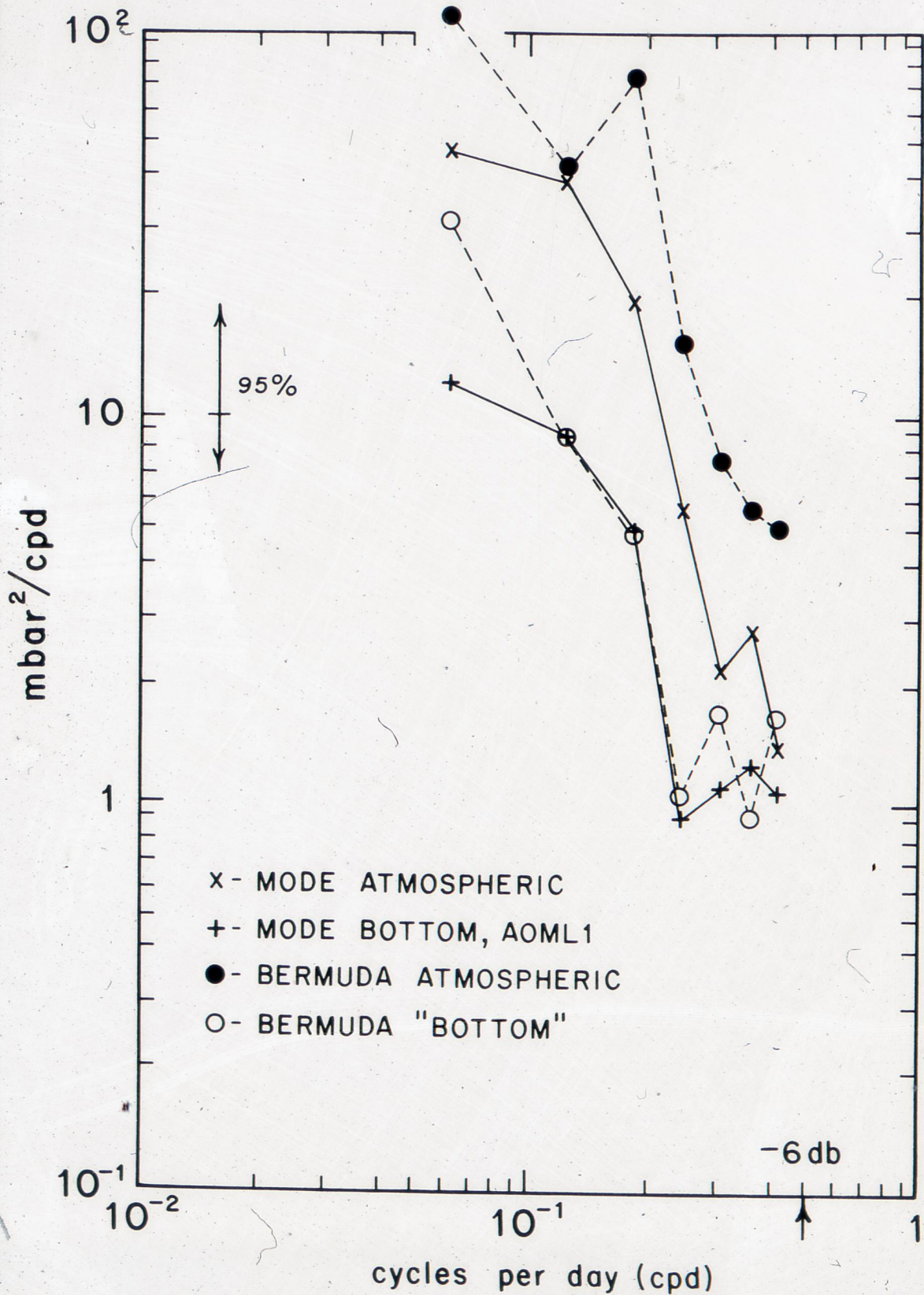


### BOTTOM PRESSURE

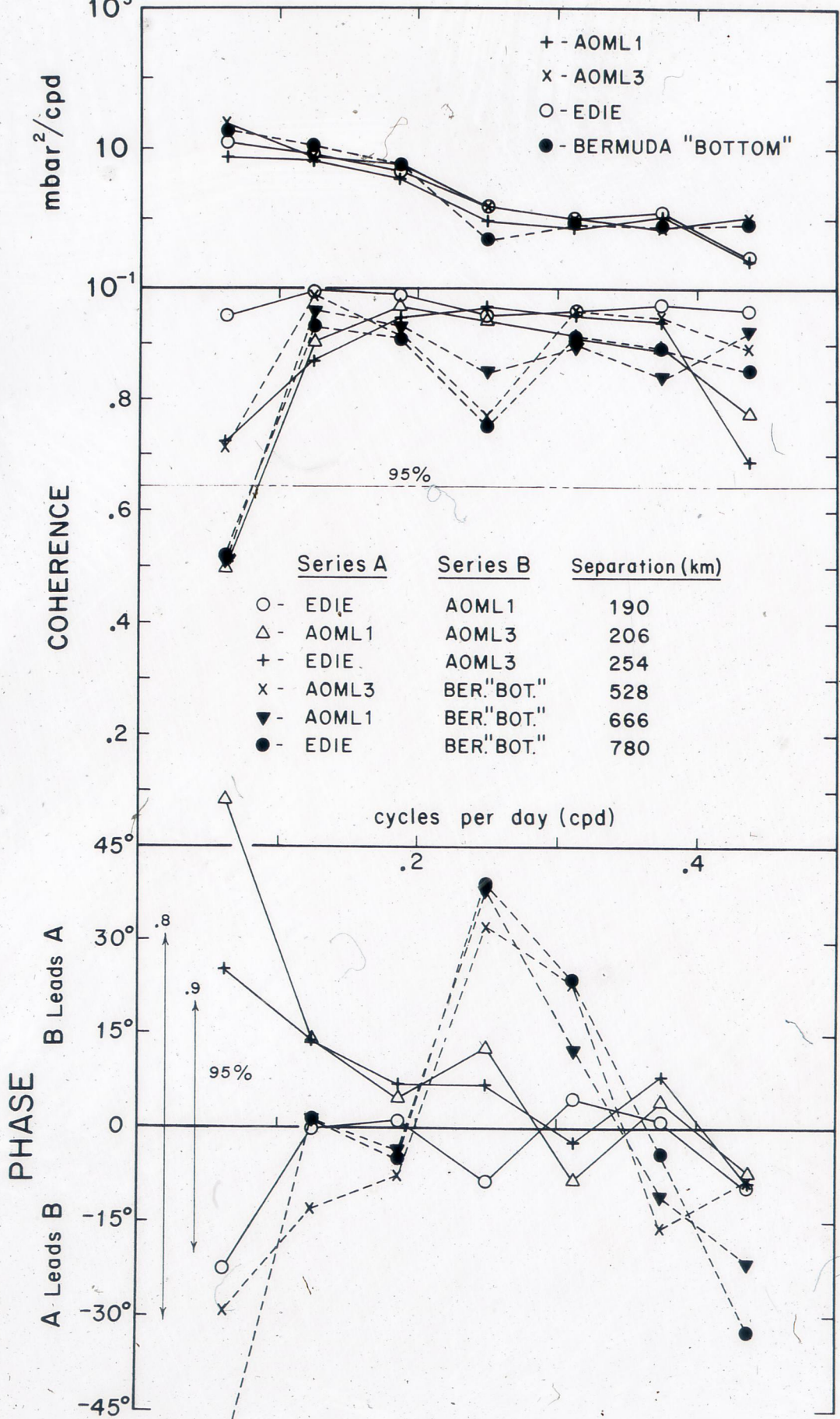


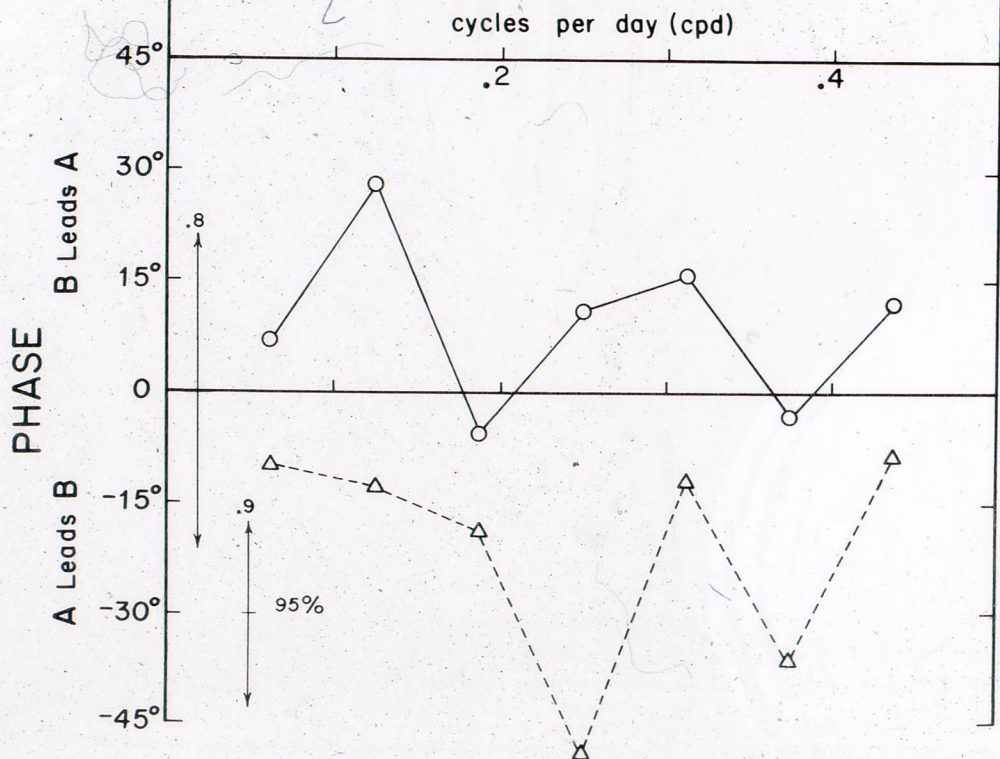
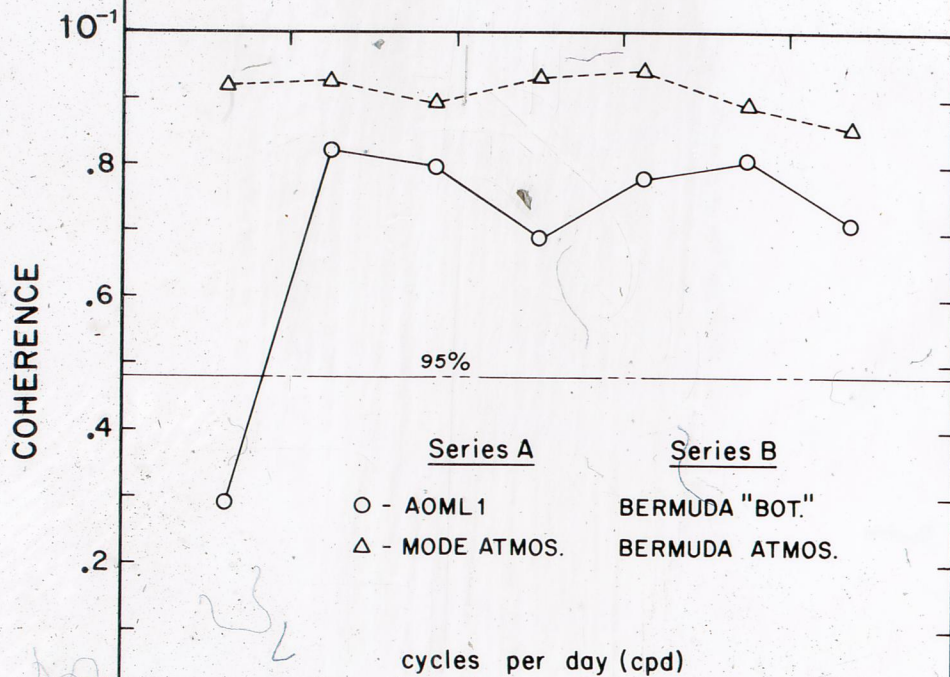
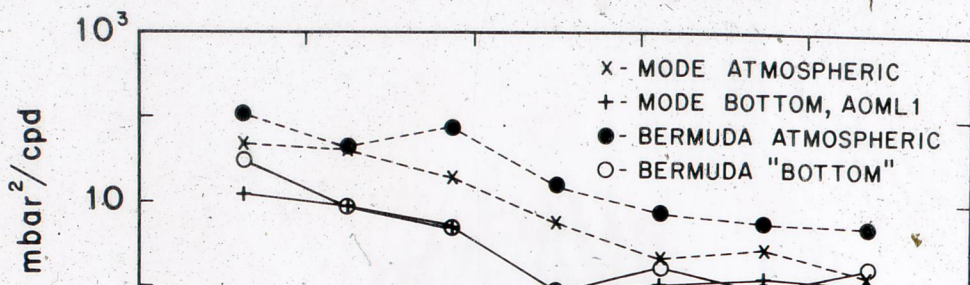




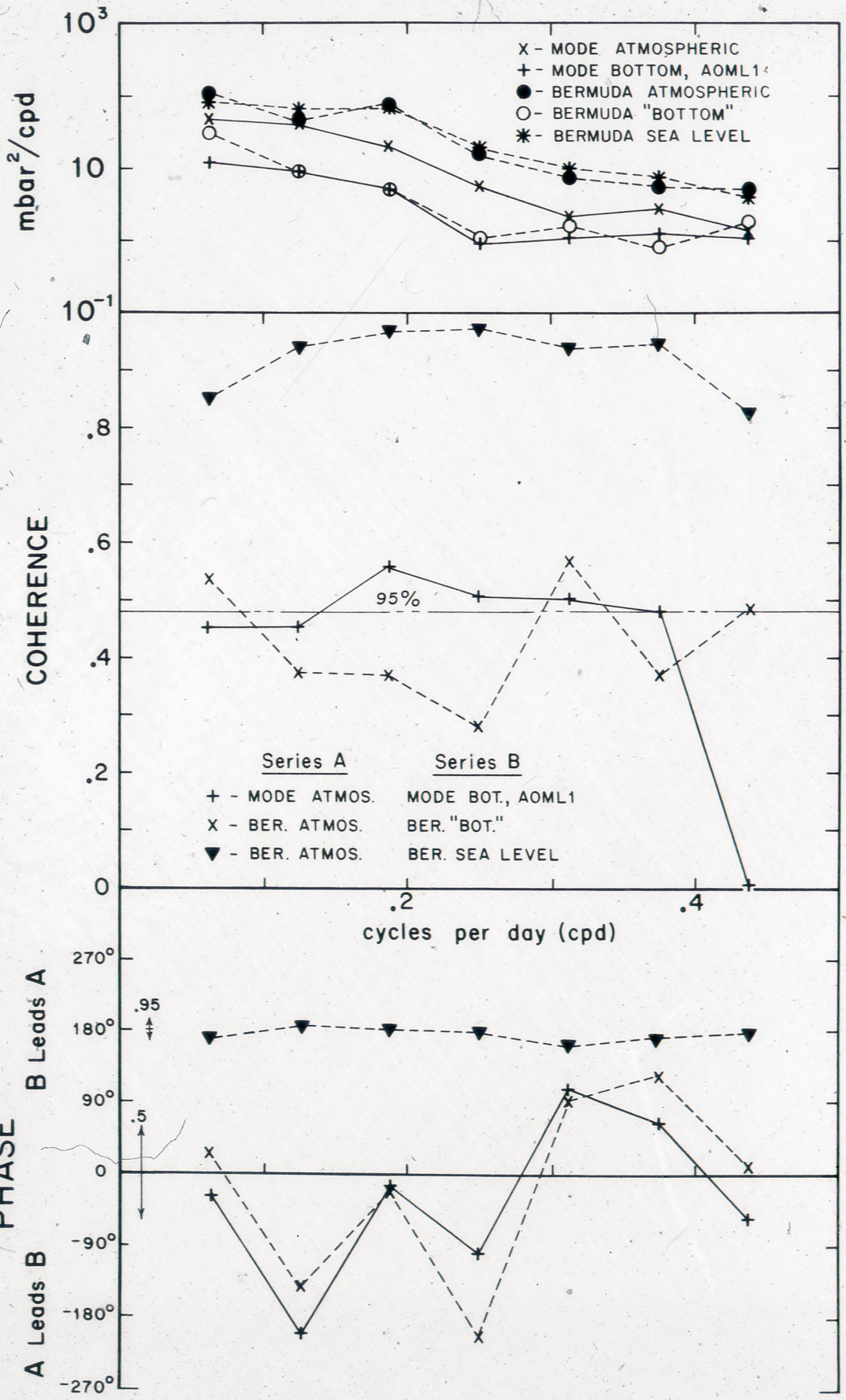






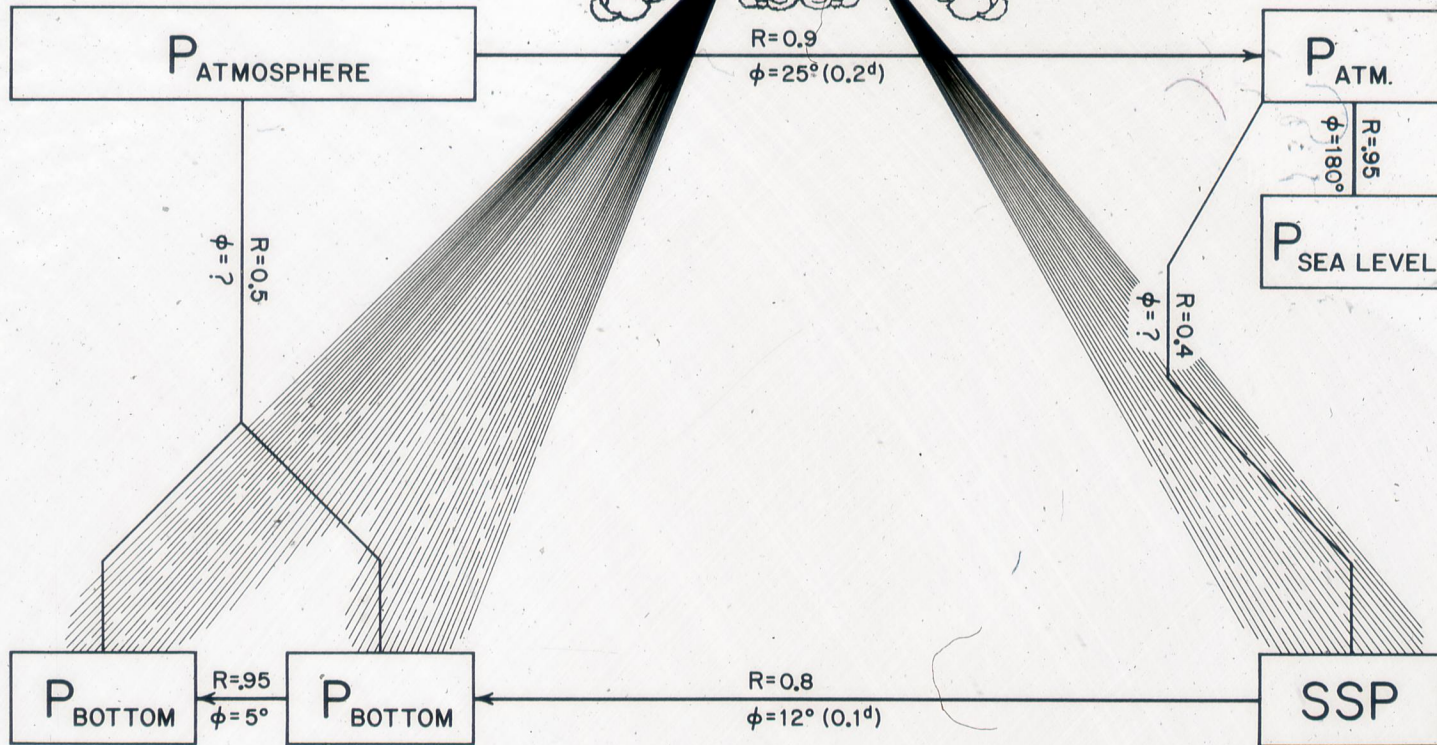




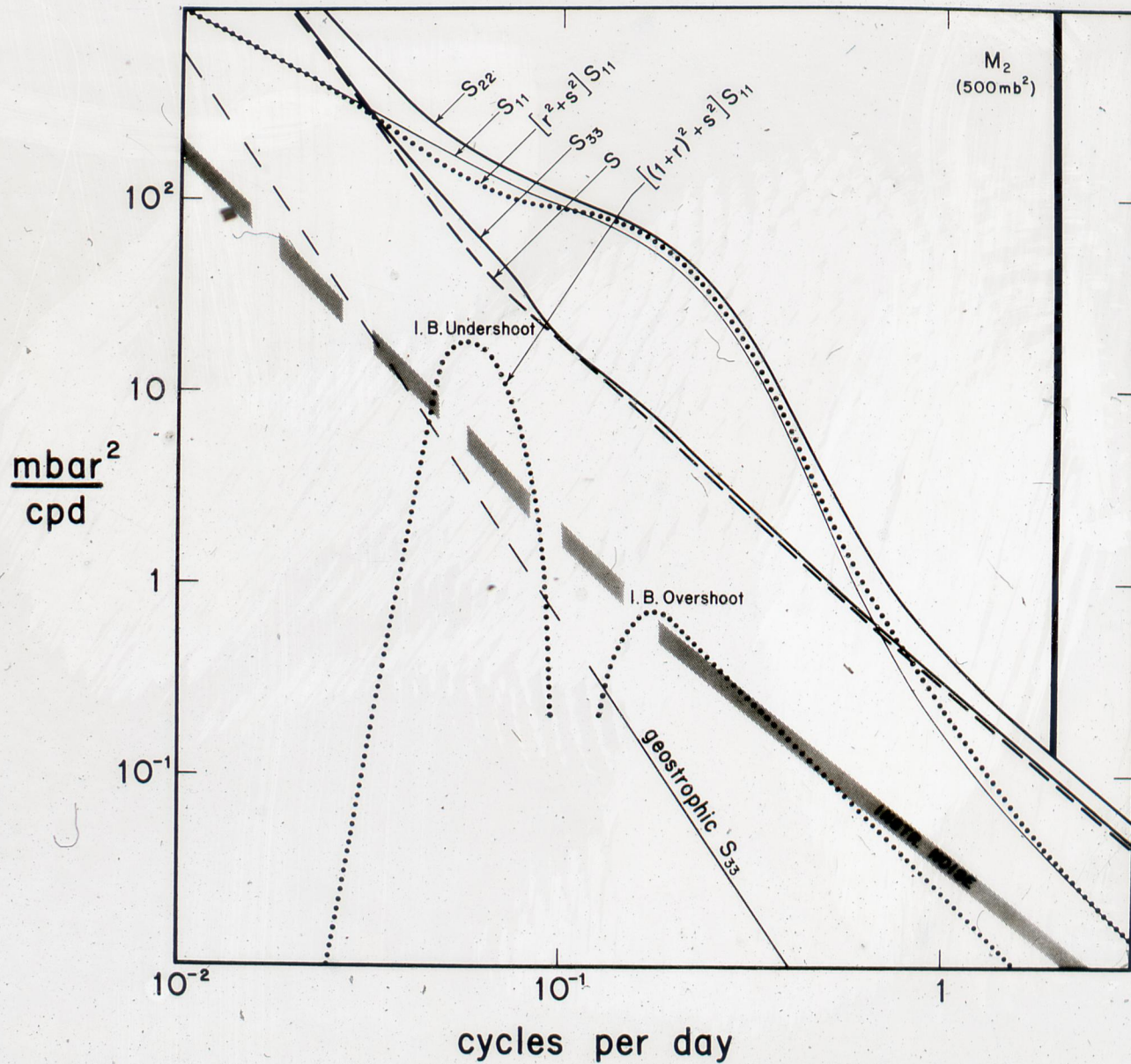


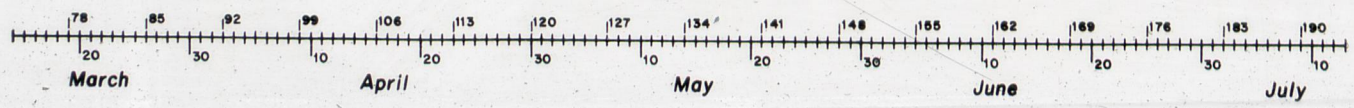
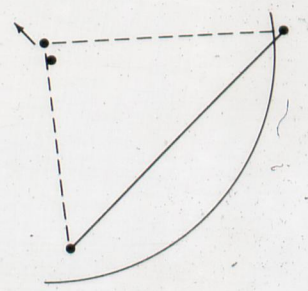
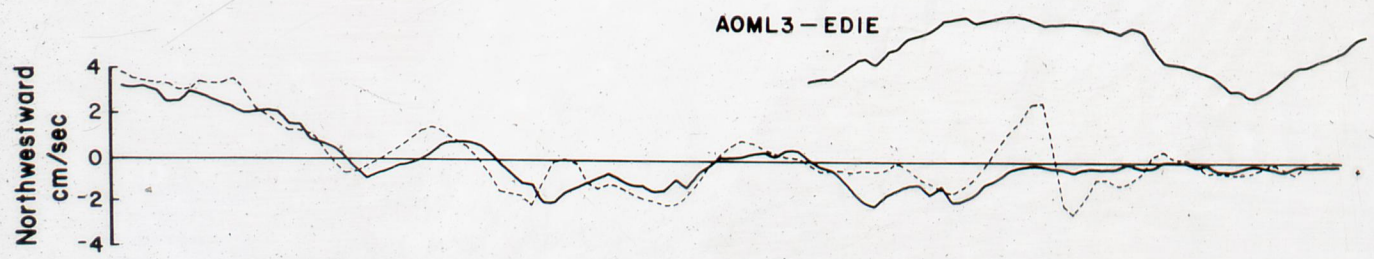
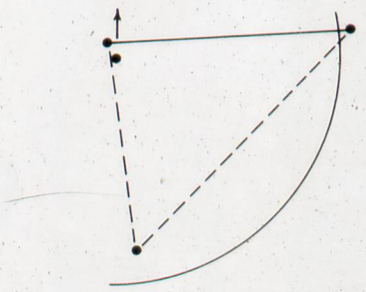
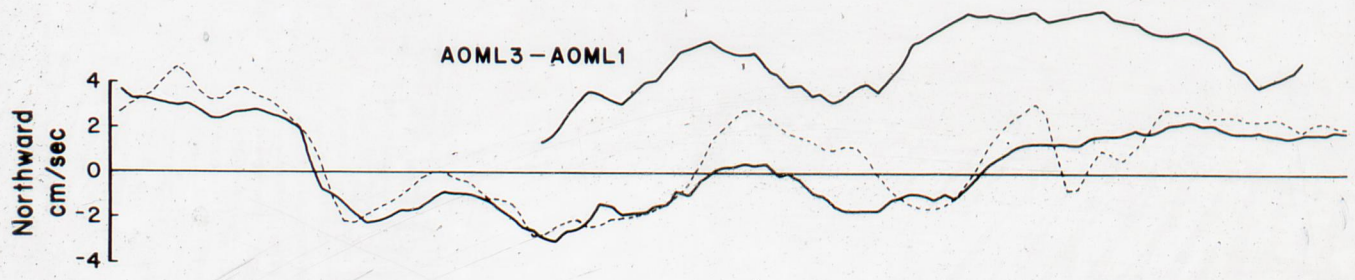
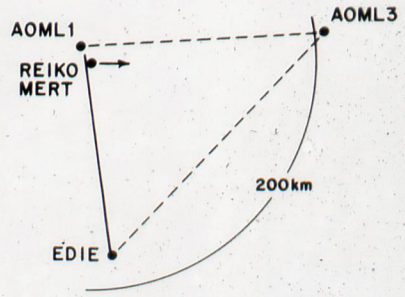
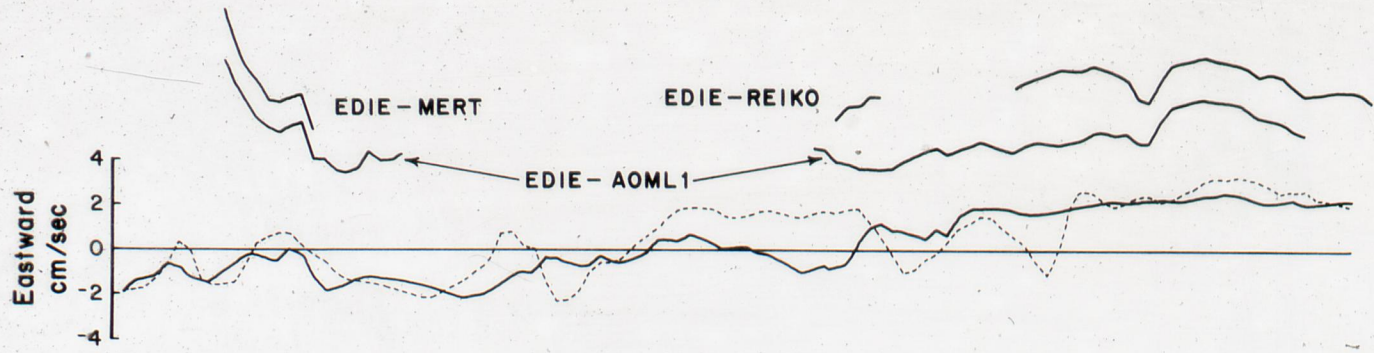
MODE AREA

BERMUDA



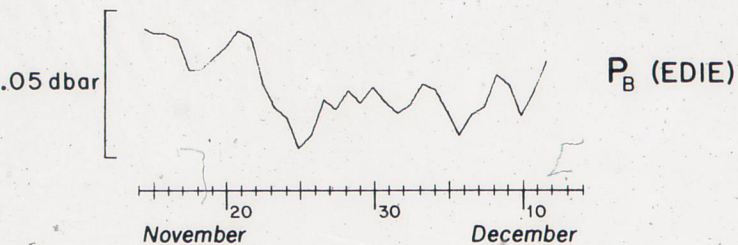




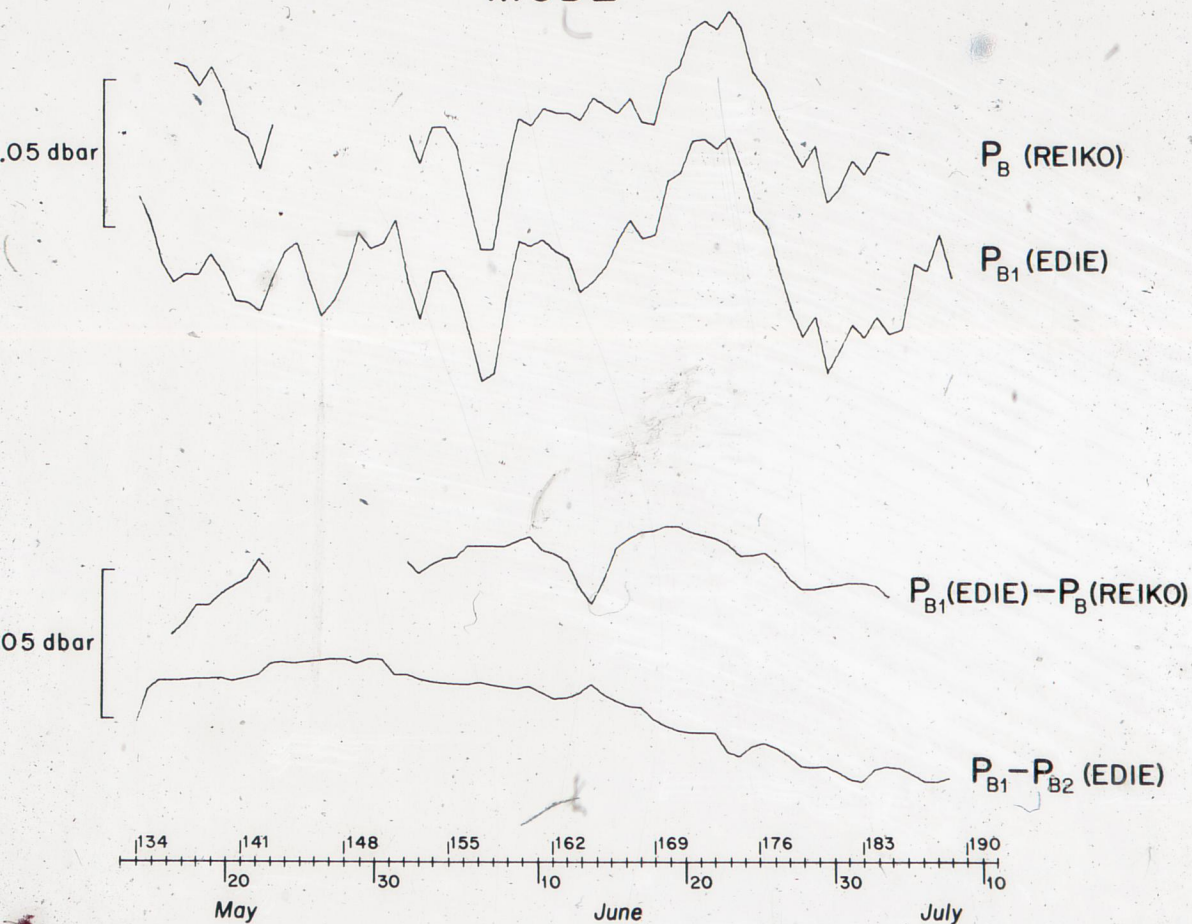


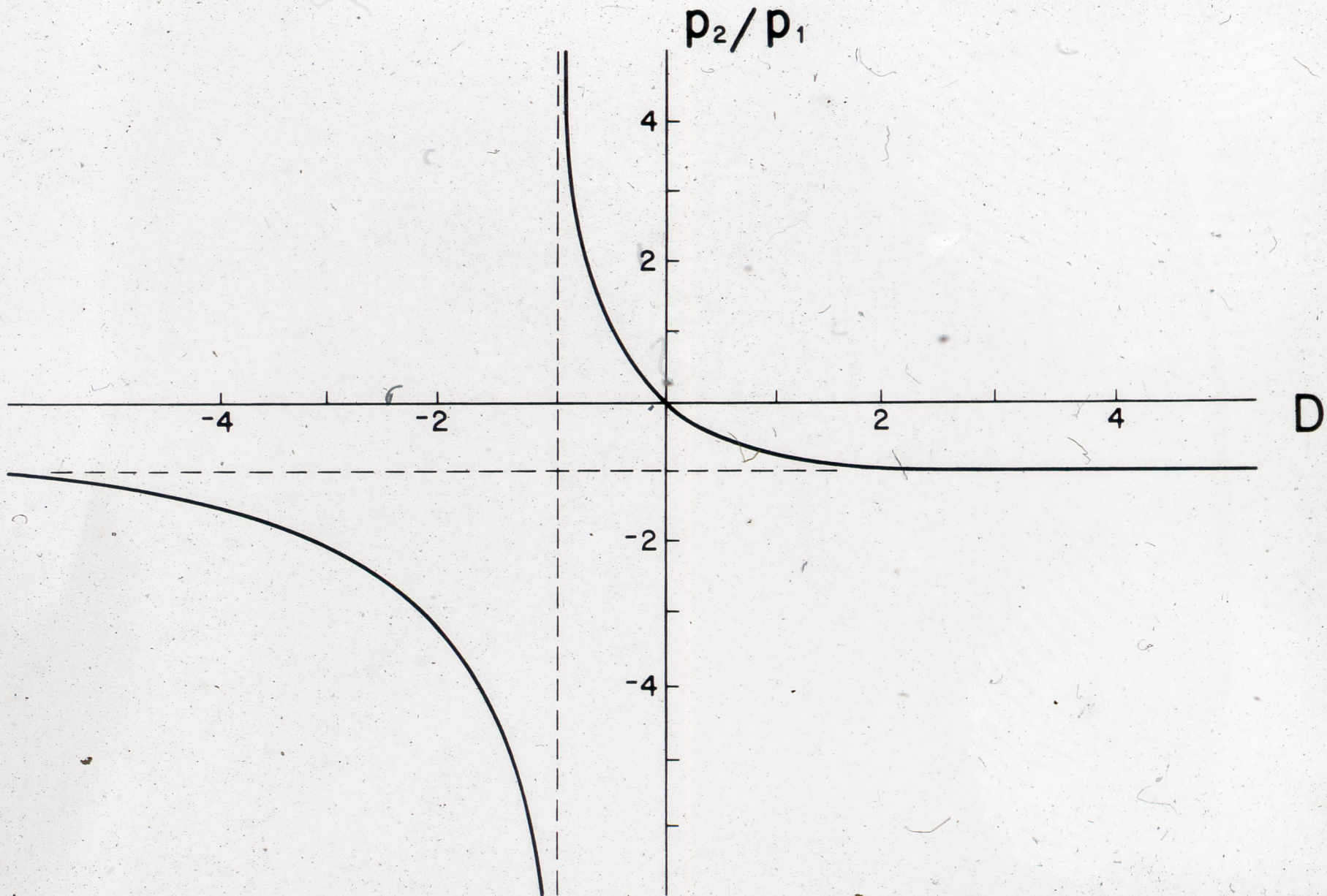


# Pacific



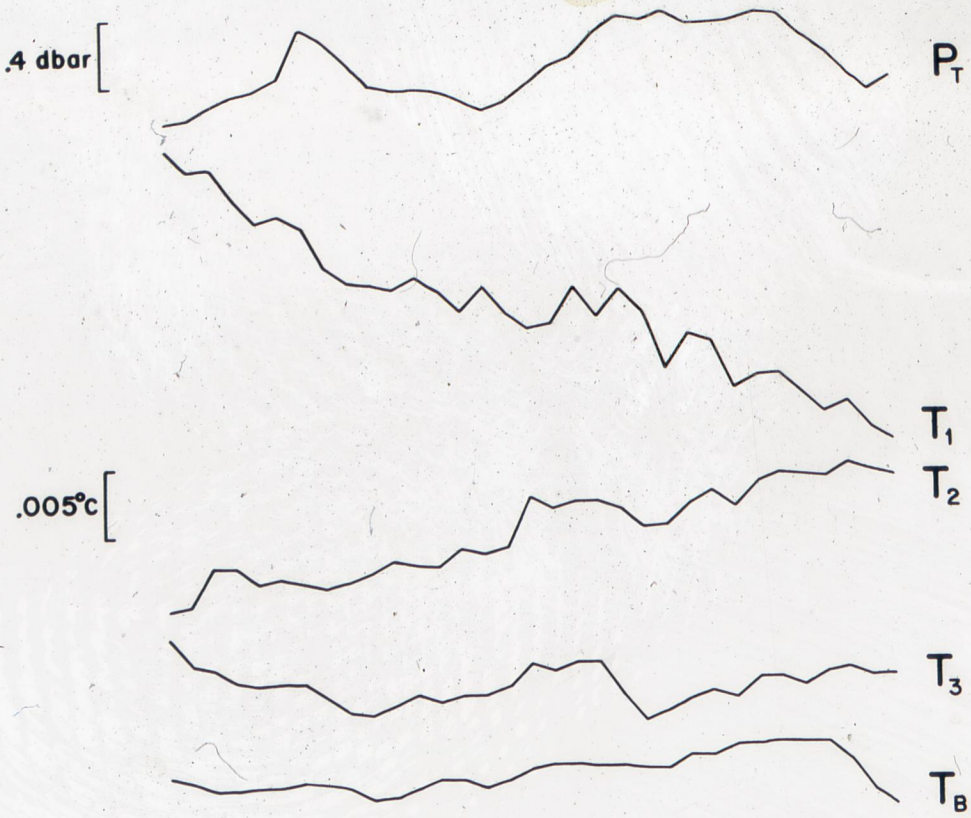
# MODE



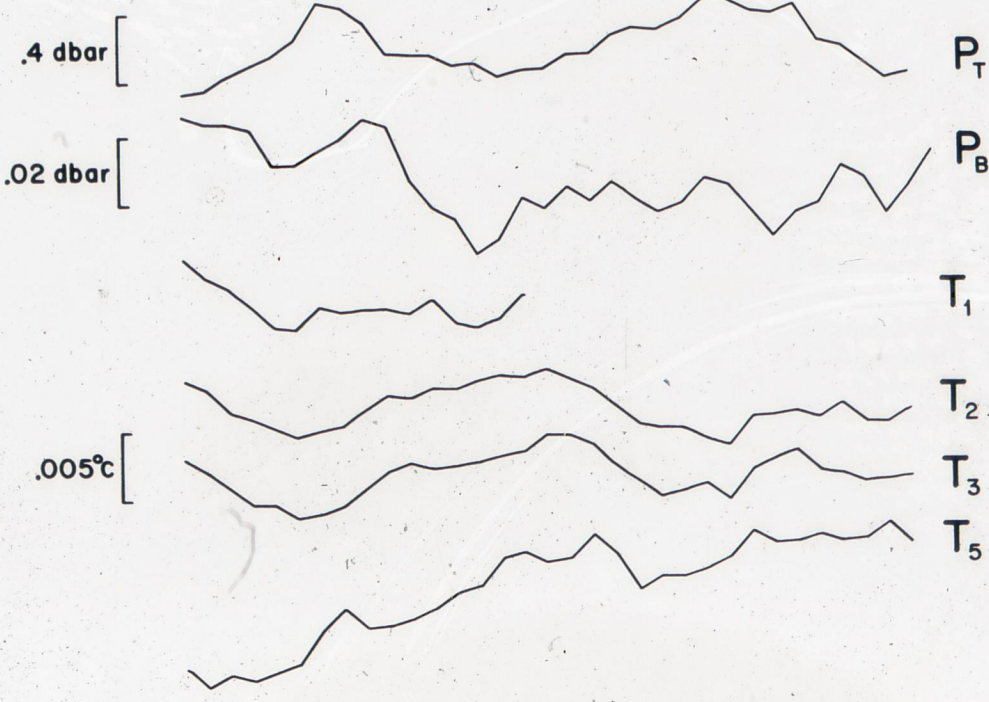




# REIKO



# EDIE



November 20 30 December 10

$$p_1 = a \cos(\omega t + \alpha)$$

$$p_2 = ra \cos(\omega t + \alpha) + sa \sin(\omega t + \alpha) + x(t) = \bar{p}gn$$

$$p_3 = p_1 + p_2 = (1+r) a \cos(\omega t + \alpha) + sa \sin(\omega t + \alpha) + x(t)$$

$$S_{11} = \langle \frac{1}{2} a^2 \rangle ,$$

$$S_{22} = [r^2 + s^2] S_{11} + S ,$$

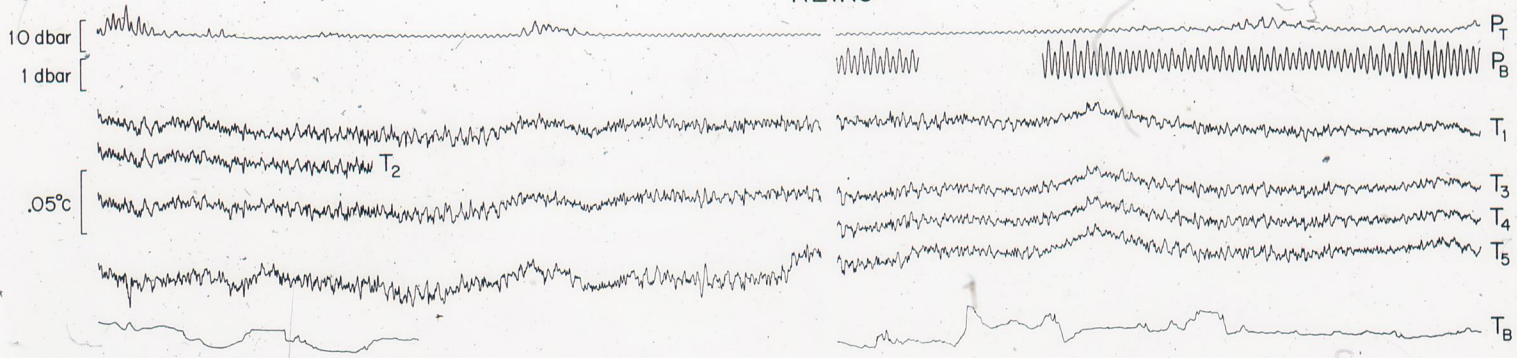
$$S_{33} = [(1+r)^2 + s^2] S_{11} + S ,$$

$$C_{12} = r S_{11} ,$$

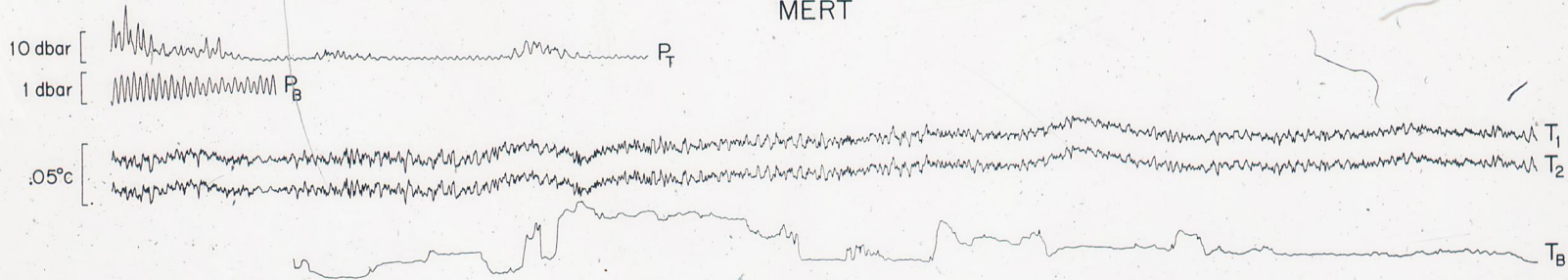
$$Q_{12} = s S_{11}$$



REIKO



MERT



EDIE

